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Re: U.S. APPL. NO. 09/987,448 - **SECOND REQUEST FOR OFFICIAL ENTRY OF  
REVOCATION AND NEW POWER OF ATTORNEY**

Revocation and New Power of Attorney was originally transmitted to USPTO by facsimile on December 29, 2003 (copy attached). It appears that the Revocation has not been entered as the Notice of Allowance dated June 2, 2004 was sent to Westerlund Powell, P.C. Applicants request that the Revocation and New Power of Attorney be immediately entered into the record and that future correspondence be addressed to Alston & Bird LLP (Customer Number 00826). Thank you for your assistance in this matter.

Number of Pages: (including cover page)

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DATE: December 29, 2003  
 TO: United States Patent and Trademark Office  
 FROM: Kay Costanza, Administrative Patent Paralegal

Official Entry for Application No. 09/987,448  
 Revocation and New Power of Attorney Document

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Alston &amp; Bird

Attorney's Docket No. 038190/272375

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: Hale et al.  
Appl. No.: 09/987,448  
Filed: November 14, 2001  
For: FIBER PLACEMENT AND FIBER STEERING  
SYSTEMS AND CORRESPONDING SOFTWARE  
FOR COMPOSITE STRUCTURES

Group Art Unit: 1733  
Confirmation No.: 6676

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**REVOCATION OF POWER OF ATTORNEY  
AND NEW POWER OF ATTORNEY BY ASSIGNEE**

Assignee hereby revokes all powers of attorney previously granted with respect to the above-identified patent application, and appoints the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and directs that all correspondence be addressed to that Customer Number:

**Customer Number 00826**

with full power of substitution and revocation to transact all business in the Patent and Trademark Office in connection therewith.

Please direct telephone calls to the attention of:

Keith Roberson  
Registration No. 52,171  
Tel Charlotte Office (704) 444-1000  
Fax Charlotte Office (704) 444-1111

Assignee hereby elects under 37 C.F.R. § 3.71 to prosecute this patent application and certifies that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of an assignment from the inventors of the patent application identified above. The assignment was mailed for recording on November 14, 2001, with the original patent application. However, the recording information has not been received. A copy of the assignment is attached.

In re: Hale et al.  
Appl. No.: 09/987,448  
Filed: November 14, 2001  
Page 2

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the Assignee.

**MCDONNELL DOUGLAS CORPORATION**

By: Patricia A. Ford  
Patricia A. Ford

Title: Assistant Secretary of McDonnell Douglas Corporation

Date: 12 Dec 2003

**ATTACHMENT: (ASSIGNMENT AND COVER SHEET SENT  
FOR RECORDING WITH ORIGINAL PATENT APPLICATION)**

**CUSTOMER NO. 00826**  
**ALSTON & BIRD LLP**  
Bank of America Plaza  
101 South Tryon Street, Suite 4000  
Charlotte, NC 28280-4000  
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**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that this paper is being facsimile transmitted to the U.S. Patent and Trademark Office to  
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CLT01/4623436v1

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## PATENTS ONLY

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Richard D. HALE**  
**Virginia M. VASEY-GLANDON**

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: May 24, 2002

2. Name and address of receiving party(ies):

Name: **MCDONNELL DOUGLAS CORPORATION**

Internal Address:

Street Address: **P. O. BOX 516**City: **St. Louis**State: **MO** ZIP: **63166**Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/987,448

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Raymond H. J. Powell, Jr.**

Internal Address:

Street Address: **WESTERLUND - POWELL, P.C.****100 Daingerfield Rd., Suite 100**City: **Alexandria**State: **VA** ZIP: **22314**

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ **40.00**☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

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*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.***Raymond H. J. Powell, Jr.**

Name of Person Signing

Signature

**May 24, 2002**

Date

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<b>Assignment of Rights, Title and Interest in Invention</b> (Multiple inventors; single assignee)	<b>Docket No.</b> 99-441																																		
<p><i>This is an Assignment of the following rights, title and interest: (check all that apply):</i></p> <p><input checked="" type="checkbox"/> <i>United States of America rights, title and interest in the invention</i></p> <p><input checked="" type="checkbox"/> <i>Foreign rights, title and interest in the invention</i></p> <p><input checked="" type="checkbox"/> <i>United States Patent Application Serial No.</i> 09/987,448</p> <p style="margin-left: 40px;"><i>Date of Execution:</i> _____ <i>Date of Filing:</i> November 14, 2001</p> <p><input checked="" type="checkbox"/> <i>United States Provisional Patent Application Serial No.</i> 60/248,213</p> <p><input type="checkbox"/> <i>United States Patent No(s).</i> _____</p> <p><input type="checkbox"/> <i>International (PCT) Patent Application Serial No.</i> _____</p> <p><input type="checkbox"/> <i>Other (specify)</i> _____</p>																																			
<p><b>Title of the Invention</b></p> <div style="border: 1px solid black; padding: 5px; min-height: 40px;"> <p style="text-align: center;">FIBER PLACEMENT AND FIBER STEERING AND CORRESPONDING SOFTWARE FOR COMPOSITE STRUCTURES</p> <p style="text-align: center;">-PTEMS</p> </div>																																			
<p><b>Inventors (assignors)</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%; text-align: center;">Name</th> <th style="width: 60%; text-align: center;">Address</th> </tr> </thead> <tbody> <tr> <td>Richard D. Hale</td> <td>2902 Stratford Court, Lawrence KS 66049 USA</td> </tr> <tr> <td>Virginia M. Vasey-Glendon</td> <td>38 Mirickair Drive, Florissant, MO, 63031. USA</td> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>		Name	Address	Richard D. Hale	2902 Stratford Court, Lawrence KS 66049 USA	Virginia M. Vasey-Glendon	38 Mirickair Drive, Florissant, MO, 63031. USA																												
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<b>Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)</b>	<b>Docket No.</b> 99-421																												
<p>Whereas, we, the above-identified inventors, have invented certain new and useful improvements in the invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");</p> <p>And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;</p> <p>Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;</p> <p>We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;</p> <p>And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;</p> <p>And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for any aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.</p>																													
<b>Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)</b>																													
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